

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	527	"704"/\$.ccls. and ((channel adj distortion)(addit\$3 adj2 nois\$3))	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:43
L4	181	L3 and (HMM(hidden near2 markov))	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:44
L5	64	L4 and (MFCC(mel adj frequenc\$3)(mel adj scal\$3))	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:47
L6	15	L5 and (PDF(probabil\$4 near2 density))	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:59
L7	13	L5 and (PMC(parallel adj model))	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 14:00
L8	8	L7 and (CMN(cepstr\$3 adj2 mean adj normaliz\$4))	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 14:02
S1	0	"20020173959".uref.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/14 11:30
S2	0	"20020173959".oref.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 16:43

S3	2	"20020173959"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 17:39
S4	0	"704"/.256.ccls.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 16:46
S5	358	"704"/256.ccls.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 16:47
S6	317	"704"/256.ccls. and @ad<"20010314"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 16:48
S7	665391	MFCC or (mel-scaled adj cesptrum coefficients)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 17:40
S8	147	S7 and 704/256.ccls.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 17:40
S9	16	("6577997" "6633843" "6151573" "6381571" "6389393" "6658385" "6377924" "6418411").pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/14 11:31
S10	8	("6577997" "6633843" "6151573" "6381571" "6389393" "6658385" "6377924" "6418411").pn.	USPAT	OR	ON	2005/07/14 11:31
S11	6	("5715367" "5727124" "5787394" "5793891" "5924065" "6067513"). PN.	US-PGPUB ; USPAT; USOCR	OR	ON	2005/07/14 15:13

S12	49	("6633843" "6151573" "6449594" "6202047" "6038528" "6188982" "6662160" "5778342" "5924065" "6219642" "6219642" "6418412" "6381571" "6456697" "6859773" "5721808" "5590242" "6076057" "6173258" "5583968" "6493667" "5749068" "5864806" "5970446" "4905286" "5860062" "5742928" "5812972" "5864809" "6418408" "5604839" "5572623" "5960397" "5865626" "6026359" "5778336" "5905969" "5721694" "5946653" "6006175" "5890113" "5819223" "5930753" "5983179" "5500903" "5850627" "5909666" "5915236" "5920837" "5920836").pn.	US-PGPUB ; USPAT; USOCR	OR	ON	2005/07/14 15:14
S13	390	(MFCC\$4 ((mel\$4scal\$4 near (cepstr\$4 spectr\$4))))	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 12:44
S14	356	(MFCC\$4 ((mel\$4scal\$4 near (cepstr\$4 spectr\$4))))	US-PGPUB ; USPAT	OR	ON	2005/07/21 12:45
S15	343	(MFCC\$4 ((mel\$4scal\$4 near (cepstr\$4 spectr\$4)))) and (speech\$4 voic\$4 audib\$4)	US-PGPUB ; USPAT	OR	ON	2005/07/21 12:45
S16	215	(MFCC\$4 ((mel\$4scal\$4 near (cepstr\$4 spectr\$4)))) and (speech\$4 voic\$4 audib\$4) and (HMM (hid\$4 near markov\$))	US-PGPUB ; USPAT	OR	ON	2005/07/21 12:46
S17	25	(MFCC\$4 ((mel\$4scal\$4 near (cepstr\$4 spectr\$4)))) and (speech\$4 voic\$4 audib\$4) and (HMM (hid\$4 near markov\$)) and (DFT (discret\$ near fourier\$4 with transform\$4))	US-PGPUB ; USPAT	OR	ON	2005/07/21 12:51

S18	6	(MFCC\$4 ((mel\$4scal\$4 near (cepstr\$4 spectr\$4)))) and (speech\$4 voic\$4 audib\$4) and (HMM (hid\$4 near markov\$)) and (DFT (discret\$ near fourier\$4 with transform\$4)) and (IDFT (invers\$4 near discret\$4 with fourier\$4))	US-PGPUB ; USPAT	OR	ON	2005/07/21 16:07
S19	1	"6529866".pn.	US-PGPUB ; USPAT	OR	ON	2005/07/21 16:07
S20	9	("4310721" "4980917" "5267345" "5479560" "5684925" "5937384" "6029124" "6098040" "6230129").PN.	US-PGPUB ; USPAT; USOCR	OR	ON	2005/07/21 16:36
S21	190	704/228.ccls.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 19:33
S22	80	704/228.ccls. and (suppres\$4 or cancel\$5)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 20:10
S23	80	704/228.ccls. and (suppres\$4 cancel\$5 squelch)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 20:12
S24	24	704/256.ccls. and (suppres\$4 cancel\$5 squelch)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 20:12
S25	359	704/256.ccls.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 20:12
S26	17	704/256.ccls. and (MFCC)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 20:13

S27	24	704/256.ccls. and (suppres\$4 cancel\$5 squelch\$3)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 20:21
S28	31	704/255.ccls. and (suppres\$4 cancel\$5 squelch\$3)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 20:25
S29	43	704/257.ccls. and (suppres\$4 cancel\$5 squelch\$3)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 20:38
S30	17113	"455"/\$.ccls. and (suppres\$4 cancel\$5 squelch\$3)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 20:40
S31	49	("6633843" "6151573" "6449594" "6202047" "6038528" "6188982" "6662160" "5778342" "5924065" "6219642" "6219642" "6418412" "6381571" "6456697" "6859773" "5721808" "5590242" "6076057" "6173258" "5583968" "6493667" "5749068" "5864806" "5970446" "4905286" "5860062" "5742928" "5812972" "5864809" "6418408" "5604839" "5572623" "5960397" "5865626" "6026359" "5778336" "5905969" "5721694" "5946653" "6006175" "5890113" "5819223" "5930753" "5983179" "5500903" "5850627" "5909666" "5915236" "5920837" "5920836") .pn.	US-PGPUB ; USPAT	OR	ON	2005/07/21 20:40



Welcome United States Patent and Trademark Office

[Search Session History](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Fri, 22 Jul 2005, 12:33:56 PM EST

Search Query Display

Edit an existing query or
compose a new query in the
Search Query Display.

Select a search number (#)
to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

- | | |
|---------------------|--|
| #1 | (mel-cepstral<in>metadata) <and> (analysis<in>metadata) |
| #2 | (mel-cepstral<in>metadata) <and> (analysis<in>metadata) |
| #3 | (mel-cepstral<in>metadata) <and> (analysis<in>metadata) |
| #4 | (mel-cepstral<in>metadata) <and> (analysis<in>metadata) |
| #5 | (mel-cepstral<in>metadata) <and> (analysis<in>metadata) |
| #6 | (mel-cepstral<in>metadata) <and> (analysis<in>metadata) |
| #7 | (channel distortion<in>metadata) <and> (convolutive distortion&l... |
| #8 | enter one or more keywords |
| #9 | (noise suppression<in>metadata) <or>
(cancellation<in>meta... |
| #10 | (noise suppression<in>metadata) <or>
(cancellation<in>meta... |
| #11 | (((<or>(mfcc, mel-cepstral)) <and> (<or>(noise suppression, sq... |
| #12 | (((<or>(mfcc, mel-cepstral)) <and> (<or>(noise suppression, sq... |
| #13 | (((<or>(hmm, hidden markov, models)) <and> (<or>(mfcc, mel-fre... |
| #14 | (((<or>(hmm, hidden markov, models)) <and> (<or>(mfcc, mel-fre... |
| #15 | (((<or>(hmm, hidden markov, models)) <and> (<or>(mfcc, mel-fre... |
| #16 | (((<or>(hmm, hidden markov, models)) <and> (<or>(mfcc, mel-fre... |
| | (((<or>(hmm, hidden markov, models)) <and> (<or>(mfcc, mel- |

- #17 fre...
- #18 (((<or>(hmm, hidden markov, models)) <and> (<or>(mfcc, mel-fre...
- #19 (((<or>(hmm, hidden markov, models)) <and> (<or>(mfcc, mel-fre...
- #20 (((<or>(hmm, hidden markov, models)) <and> (<or>(mfcc, mel-fre...
- #21 (((<or>(hmm, hidden markov, models)) <and> (<or>(mfcc, mel-fre...
- #22 (((<or>(hmm, hidden markov, models)) <and> (<or>(mfcc, mel-fre...
- #23 (((<or>(hmm, hidden markov, models)) <and> (<or>(mfcc, mel-fre...
- #24 (((<or>(hmm, hidden markov, models)) <and> (<or>(mfcc, mel-fre...
- #25 (((<or>(hmm, hidden markov, models)) <and> (<or>(mfcc, mel-fre...